

### AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and Assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

1. (currently amended) A method of transferring image information from removing a memory of a scanning apparatus, wherein the scanning apparatus comprises an image extraction device operative to transmit each pixel of data of a scan line to a computer during a period referred to as an exposure time of a transfer dumping signal via a shift signal, and no memory buffer, the method comprising includes: adjusting a period of the shift signal based at least in part on according to a speed of reading the pixel data of the scan line by the computer, thereby allowing the computer to finish reading the pixel data of the scan line during in the period of the transfer signal exposure time.

2. (currently amended) The method according to claim 1, wherein if when the shift signal transmits each pixel of the data of the scan line to the computer in a time shorter than the period of the transfer signal exposure time, the method further comprising adding a waiting time to the shift signal is added based at least in part on a period of the transfer signal to equal the exposure time.

3. (currently amended) The method according to claim 1, wherein the period of the transfer signal exposure time comprises is a constant period of time.

4. (currently amended) The method according to claim 1, wherein the period of the transfer signal exposure time comprises is a variable period of time.

5. (currently amended) The method according to claim 1, wherein the transfer~~dumping~~ signal is enabled at a high level.

6. (original) The method according to claim 1, wherein the shift signal is enabled at a high level.

7. (currently amended) The method according to claim 1, wherein the image extraction device comprises~~includes~~ a charge-coupled device.

8. (canceled)

9. (currently amended) A method of transferring image information~~removing a memory~~ from a scanning apparatus, wherein the scanning apparatus comprises~~includes~~ an image extraction apparatus operative to transmit each pixel of data of a scan line to a computer via a shift signal during a period of a transfer~~dumping~~ signal, and no memory buffer, also referred to as an exposure time, the method comprising: performing one of shortening a period of the shift signal if~~when~~ the computer uses a fast processing speed to process the pixel data of the scan line; and increasing the period of the shift signal if~~when~~ the computer uses a slow processing speed to process the pixel data of the scan line; wherein the computer finishes~~has to finish~~ reading the pixel data of the scan line during the period of the transfer signal~~in the exposure time~~.

10. (currently amended) The method according to claim 9, wherein if~~when~~ each pixel of the data of the scan line is transmitted to the computer in a time shorter than the exposure time, the method further comprising adding a waiting time ~~is added based at least in part on a period of the transfer signal to equal the exposure time~~.

11. (currently amended) The method according to claim 9, wherein the period of the transfer signal~~exposure time~~ comprises~~is~~ a constant period of time.

12. (currently amended) The method according to claim 9, wherein the period of the transfer signal exposure time comprises a variable period of time.

13. (currently amended) The method according to claim 9, wherein the transfer dumping signal is enabled at a high level.

14. (original) The method according to claim 9, wherein the shift signal is enabled at a high level.

15. (currently amended) The method according to claim 9, wherein the image extraction device comprises~~includes~~ a charge-coupled device.

16. (canceled)